

# Coastal Resource Management Project

## Philippines

### **SEMI-ANNUAL PROGRESS REPORT**

**(JANUARY 1, 2004 THROUGH JUNE 30, 2004)**

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#### **LIST OF ABBREVIATIONS AND ACRONYMS**

ADB	Asian Development Bank
ARMM	Autonomous Region of Muslim Mindanao
BEMO	Bohol Environment Management Office
BFAR	Bureau of Fisheries and Aquatic Resources
CCEF	Coastal Conservation and Education Foundation
CDSD	Coast and Geodetic Survey Department
CENRO	City Environment and Natural Resources Office/Officer

CEP	Coastal Environment Program
CLEAR7	Coastal Law Enforcement Alliance in Region 7
CLE	Coastal Law Enforcement
CLEC	Coastal Law Enforcement Council
CMMO	Coastal and Marine Management Office
CMMD	Coastal and Marine Management Division
CMMS	Coastal and Marine Management Section
CRM	Coastal Resource Management
CRMP	Coastal Resource Management Project (USAID)
CZPhil	Coastal Zone Philippines
DA	Department of Agriculture
DA-BFAR	Department of Agriculture-Bureau of Fisheries and Aquatic Resources
DAO	Department Administrative Order
DENR	Department of Environment and Natural Resources
DILG	Department of Interior and Local Government
DGMC	Davao Gulf Management Council
DOT	Department of Tourism
ECOGOV	EcoGovernance Project (USAID)
ELAC	Environmental Legal Assistance Center
FASPO	Foreign Assistance Projects Office
FIDA	Federacion Internacional de Abogadas
FISH	Fisheries Improved for Sustainable Harvest Project (USAID)
FRMD	Fisheries Resources Management Division
FRMP	Fisheries Resource Management Project (ADB)
GIS	Geographic Information System
GOP	Government of the Philippines
IBP	Integrated Bar of the Philippines
ICM	Integrated Coastal Management
ICRMP	Integrated Coastal Resource Management Program
ICLARM	International Center for Living Aquatic Resource Management
IEC	Information, Education, and Communication
LGC	Local Government Code

LGSP	Local Government Support Program
LGU	Local Government Unit
LMB	Land Management Bureau
LMP	League of Municipalities of the Philippines
M&E	Monitoring and Evaluation
MCD	Municipal Coastal Database
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MSU	Mindanao State University
MWD	Municipal Water Delineation
NAMRIA	National Mapping and Resource Information Agency
NEDA	National Economic and Development Authority
NFR	NGOs for Fisheries Reform
NGO	Non-Government Organization
NSAP	National Stock Assessment Project
OPCV	Office of President in Central Visayas
PAMB	Protected Area Management Board
PCAMRD	Philippine Council for Aquatic and Marine Research Development
PCG	Philippine Coast Guard
PCRA	Participatory Coastal Resource Assessment
PEDO	Police Environment Desk Office/Officer
PENRO	Provincial Environment and Natural Resources Office/Officer
PHILDHRRRA	Philippine Development of Human Resources in Rural Areas
PhilNAF	Philippine National Association of Fishwarden
PNP	Philippine National Police
PO	Peoples Organization
PPDO	Provincial Planning and Development Office/Officer
RDC	Regional Development Council
SCORE	Siquijor Coastal Resource Enhancement Project
SLLAP	Strengthening Local Arsenal Program
TA	Technical Assistance
TWG	Technical Working Group

UPV	University of the Philippines – Visayas
UP-MSI	University of the Philippines – Marine Science Institute
USAID	United States Agency for International Development



## EXECUTIVE SUMMARY

### Background and Project Summary

The Coastal Resource Management Project (CRMP) Philippines is an 8-year (1996-2004) technical assistance project of the Department of Environment and Natural Resources (DENR), funded by the United States Agency for International Development (USAID), and implemented in partnership with the Department of Agriculture's Bureau of Fisheries and Aquatic Resources (BFAR), local government units (LGU), non-government organizations (NGO), and other assisting organizations. CRMP has been extended twice by USAID beyond the initial 5 years to the planned 8-year duration in consultation with DENR and in accordance with the recommendations of the mid-term evaluation conducted by USAID in December 1998 and internal discussion with USAID in June 2003.

CRMP provides technical assistance and training to national and local government, NGOs, and coastal communities in managing coastal resources. CRMP initially promoted multidisciplinary, multi-sectoral, multistage, and participatory processes of planning, implementation, and monitoring for sustainable coastal resource management (CRM) in six core "learning" areas composed of 29 municipalities and cities in 6 provinces (Figure ES-1). Expansion of the project's CRM initiatives has been promoted to other LGUs throughout the country through collaborative efforts with national government agencies (NGA), provincial governments, *academic institutions*, other projects, and organizations, such as the League of Municipalities of the Philippines (LMP).

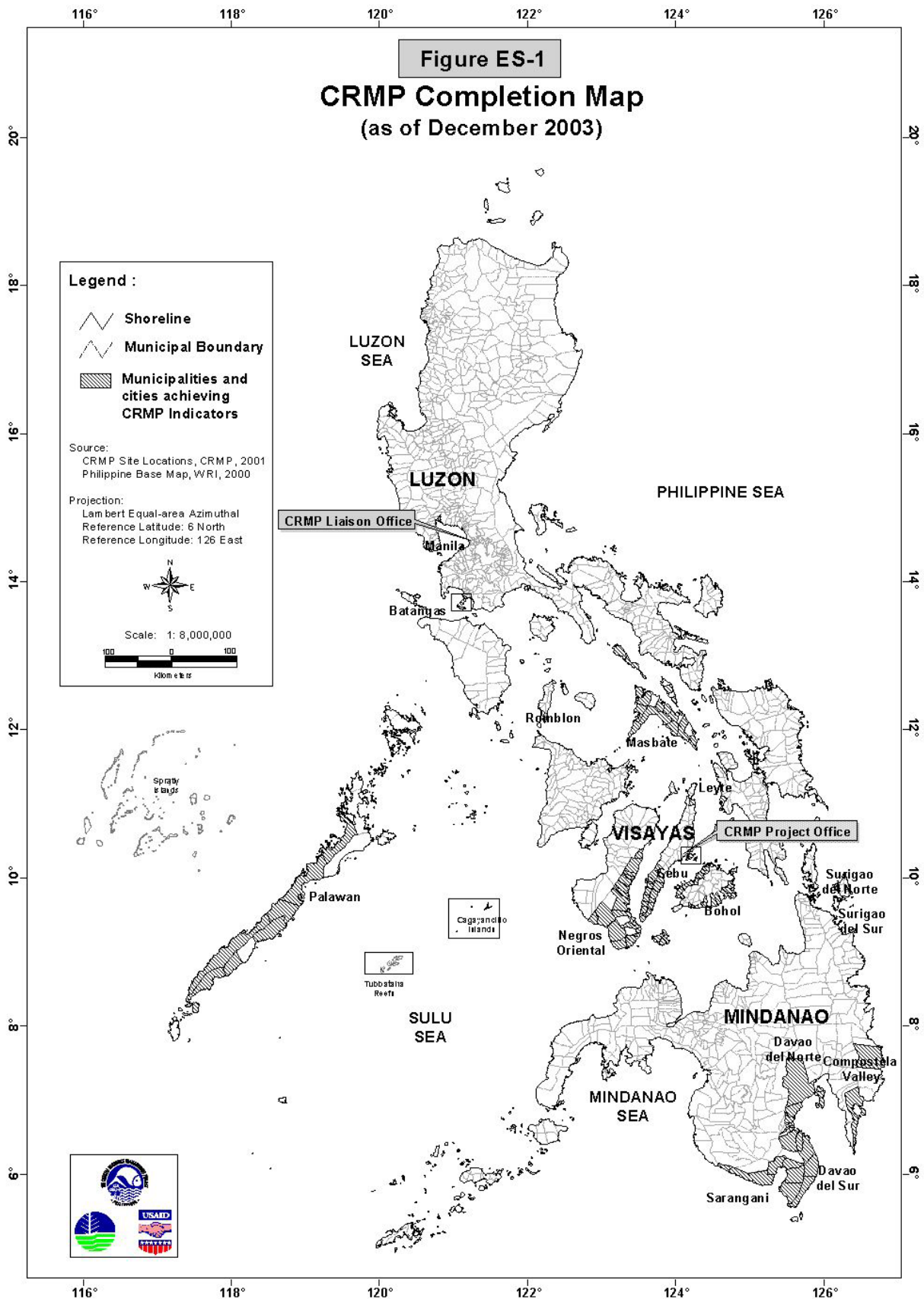
Tetra Tech EM Inc. is CRMP's prime contractor and is supported by a technical team that includes U.S.- and Philippine-based subcontractors, and Philippine NGO and academic partners. Project implementation is also supported through cooperative partnerships with the U.S. Peace Corps, and related USAID-funded projects and grantees, including the EcoGovernance Project of USAID, Silliman University, and the U.S. Coast Guard.

As CRMP moves towards the end of the project, it is apparent, as detailed in the 2003 annual report, that CRMP has progressed substantially to facilitate collaborative coastal resource management. Through multiple partnerships, CRMP is building momentum across a broad spectrum of society using proven methods. As shown below, CRMP has accomplished all the targets set for the end of 2003. Activities for past 6 months for 2004 as detailed in this report were focused more on strengthening sustainability mechanism and building lessons from CRM implementation all throughout the project life.

### Progress Toward Strategic Objective

USAID has identified six strategic objectives that contribute to the overall mission goal of the U.S. - Philippine partnership for democracy and development. CRMP contributes to coastal aspects of Strategic Objective No. 4: "Enhanced management of renewable natural resources" which has been changed to "Productive, Life-Sustaining Natural Resources Protected, Illegal Fishing Reduced." Based on USAID's Results Framework (Figure ES-2) revised December 1998 and utilized through 2002 and in Figure ES-3 (intended for the extension period of 2002-2004), CRMP has two indicators addressing Strategic Objective

4 (SO4): SO4 1 and SO4 2. The indicators and performance monitoring system developed to measure progress and success of CRMP's interventions for SO4 indicators and three intermediate results (IR)(old IRs and new IRs for 2002-2004), IR 1.1, IR 1.2, and IR 1.3 are discussed below.



**Figure ES-2**  
**Results Framework for USAID/Philippines SO 4 Indicators:**  
**Coastal Resource Management Component**

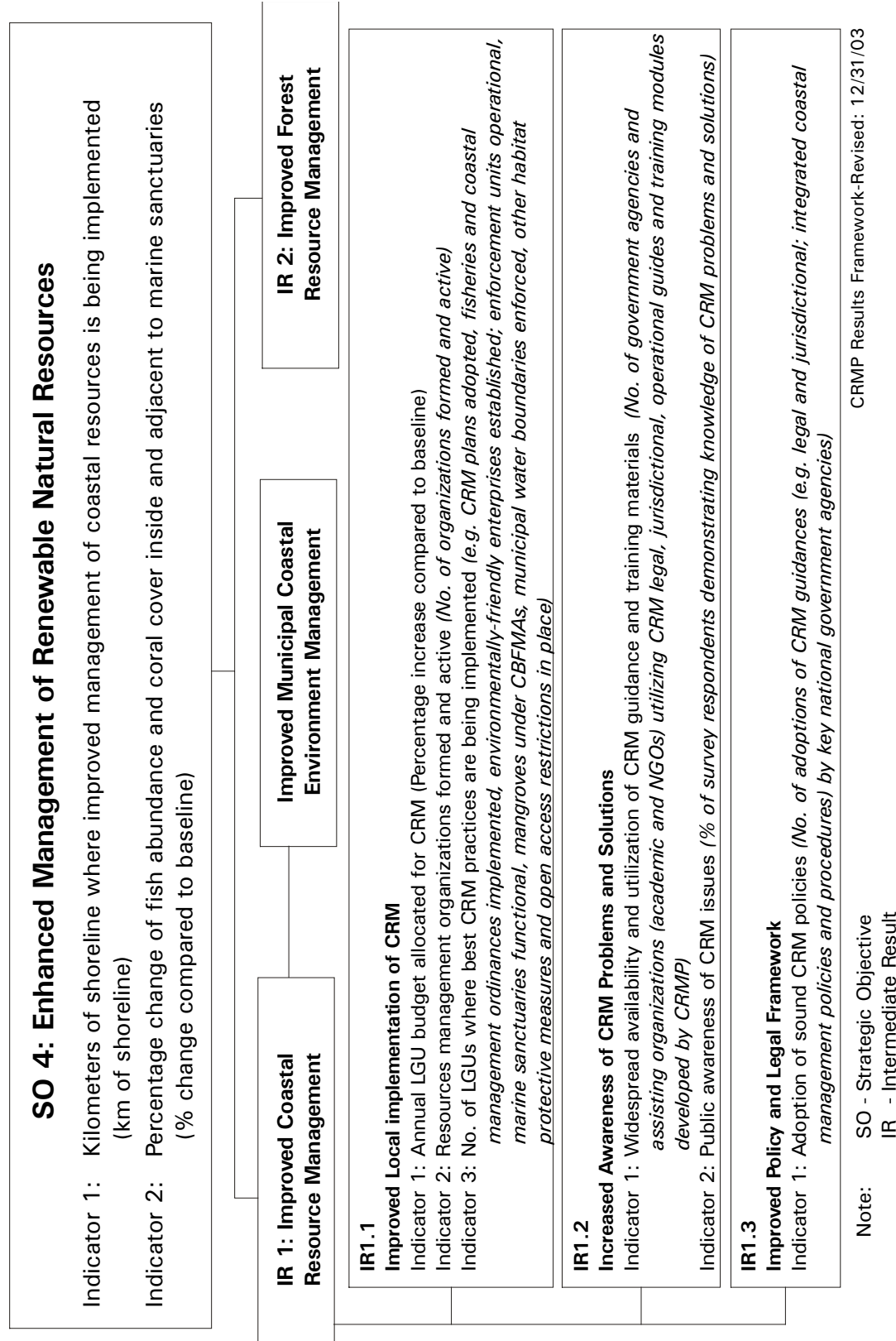


Figure ES-3

**Revised Results Framework for USAID/Philippines SO4 Indicators:  
Coastal Resource Management Project for Extension Period of 2002 - 2004**

<b>SO 4: Productive, Life-Sustaining Natural Resources Protected, Illegal Fishing Reduced</b>	
Indicator 1: Kilometers of shoreline where improved management of coastal resources is being implemented (km of shoreline)	
Indicator 2: Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries (% change compared to baseline)	
<b>IR1.1 Improved Local Implementation and Sustainability of CRM</b> Indicator 1: No. of LGUs where CRM best practices are being implemented or sustained (No. of LGUs achieving CRM Benchmarks) Indicator 2: No. of provinces and/or multi-municipal/city clusters initiating/investing in institutional arrangements for coastal and fisheries resource management (No. of LGU associations)	
<b>IR1.2 Increased Awareness of Overfishing Problems and Proposed Solutions</b> Indicator 1: No. of activities, events, public forums conducted, media coverage and publications developed and disseminated on overfishing (No. of activities, events and publications) Indicator 2: No. of LGUs or cluster of LGUs showcased for coastal and fisheries resource mgt. Best practices. (No. of LGUs showcased)	
<b>IR1.3 Improved Policy and Institutional Framework for CRM and Fisheries</b> Indicator 1: Harmonization of national policy for CRM (e.g. National CRM Policy Framework, inclusion of CRM agenda in DENR's ENR, Capture Marine Fisheries Profile endorsed) Indicator 2: DENR Coastal and Marine Management office functional (No. of staff in CMMO)	

The SO4 1 target is *"3,500 kilometers of shoreline where improved management of coastal resources is being implemented by the end of the year 2004<sup>1</sup>."* Improved management of coastal resources is measured primarily under IR 1.1 by three indicators (up to 2002) and two indicators for 2002-2004.

IR1.1 Improved Local Implementation of CRM (up to 2002)

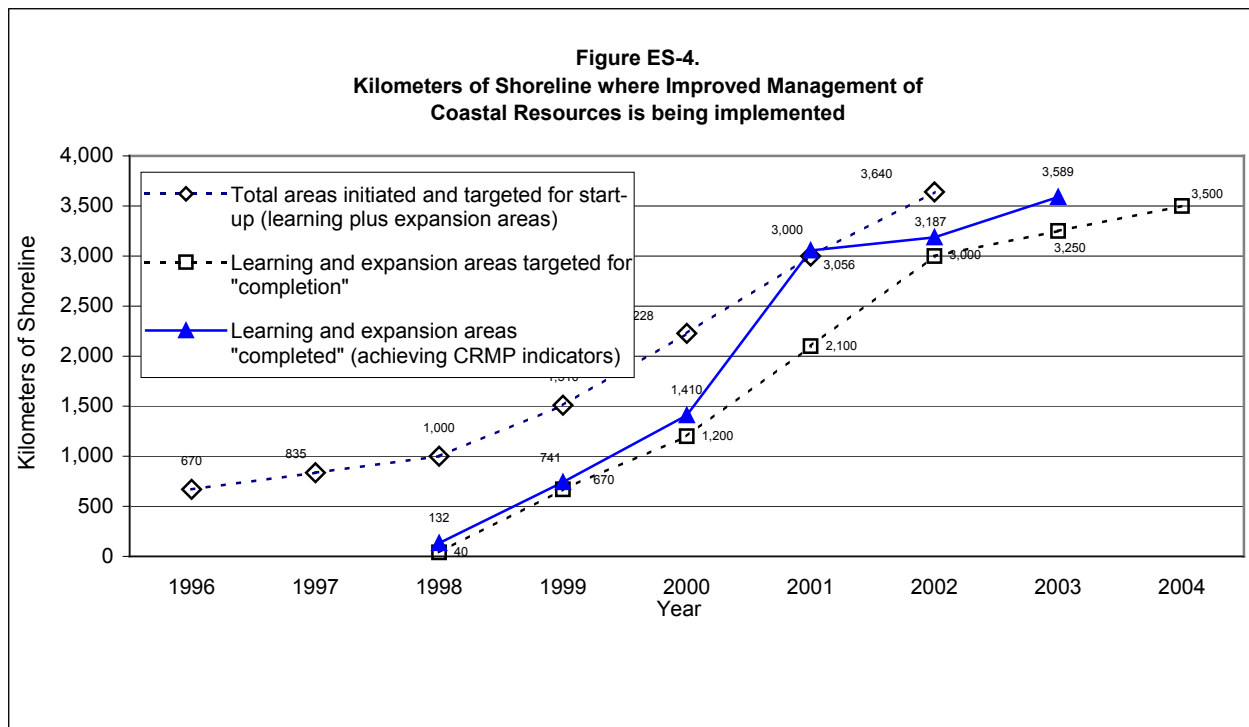
- (1) Annual LGU budget allocated for CRM (*Percentage increase compared to baseline*)
- (2) Resource management organizations formed and active (*Number of organizations formed and active*)
- (3) Number of LGUs where best CRM practices are being implemented

IR1.1 Improved Local Implementation and Sustainability of CRM (2002-2004)

- (1) No. of LGUs where CRM best practices are being implemented or sustained
- (2) No. of provinces and/or multi-municipal clusters initiating/investing in institutional arrangements for coastal and fisheries resource management (No. of LGU associations)

CRMP has developed a performance monitoring system called the Municipal Coastal Database (MCD) to track the progress and accomplishments of each LGU receiving technical assistance and training. The MCD was designed to serve the dual purpose of performance monitoring for both the project and LGU. An LGU must complete the specific set of requirements as prescribed in the IR1 indicators, to be counted under the SO4 indicator. Each LGU must: (1) be annually allocating budget for CRM; (2) have an active Municipal Fisheries and Aquatic Resource Management Council (MFARMC) that meets 6 or more times per year; and (3) be implementing one or more best CRM practices. A menu of best CRM practices is provided under IR 1.1 in Figure ES-2. The MCD and a systematic Monitoring and Evaluation (M&E) system is also used as a self-assessment tool by LGUs to assess the current status of CRM and plan and prioritize future activities.

As already reported in the 2003 annual report, a total of 113 learning and expansion area LGUs covering 3,589 kilometers of shoreline have met all indicators for improved management of coastal resources for the year ending 2003, exceeding the target of 3,250 kilometers of shoreline for year 2003.



### Progress of Key Implementation Activities

As CRMP moves toward its close in December 2004, project key implementation activities are focused on three main themes, namely building sustainability in CRM through institutional strengthening, IEC support, and mentoring; identifying lessons learned in implementing CRM all throughout the project life, and sharing these lessons through publication and provision of support to multi-sectoral initiatives to bring CRM practitioners together to consolidate CRM experiences in the Philippines. National implementation under the policy and institutional development components were already completed in 2003, hence the focus of interventions for this reporting period are concentrated on the IEC, fisheries management, coastal law enforcement, and monitoring and evaluation components as well as the phasing out activities for Mindanao field implementation.

A summary of key accomplishments of the above-mentioned components for this reporting period follows:

#### Key Accomplishments of the IEC Component:

- Complete drafting of the PCRA manual for publication by September 2004
- Provision of IEC materials to CRM partners and CRM advocates upon request

#### Key Accomplishments of the Coastal Law Enforcement Component:

- Strengthened capability of the Integrated Bar of the Philippines-Cebu province and the IBP-National Environmental Action Team to provide legal assistance and training to

LGUs who may need their services with specific assistance extended to the IBP-Cebu in the development of the Strengthening Local Legal Arsenal Program (SLLAP), especially in the development of the training modules and promotion of the SLLA Program to the LGUs

- Assisted to complete the book “Mending Nets: A Handbook on the Prosecution of Fisheries and Coastal Law Violations” with the Environmental Legal Assistance Center

**Key Accomplishments of the Fisheries Management Component:**

- Completed the publication of “In Turbulent Seas: The Status of Philippines Marine Fisheries” and coordinated with BFAR-FISH Project for the launching of the book in August 2004
- Completed and distributed a policy discussion paper on “The Current Reality of the Philippine Shell Industry with Special Focus on Mactan Island,Cebu”
- In partnership with MSU-GENSAN and BFAR Region 7, Completed and reviewed the drafts of Illana Bay and Sarangani Bay Fisheries Profiles and the “Fisheries in Central Visayas: Trends and Status,” respectively

**Key Accomplishments of the Monitoring and Evaluation (M&E) Component:**

- Facilitated the field assessment of CRM implementation in CRMP learning areas as well as the data processing and report preparation; initial results of the study presented to a panel composed of DENR, FISH Project, ADB representatives and CRMP core team
- Provided mentoring and guidance to DENR Region 7 and the Regional CRM Certification Committee for CRM certification implementation

**Key Accomplishments for Mindanao Implementation:**

- Completed field activities in municipalities of Baganga and Mati, Davao Oriental; Project turn-over and launching of the CRM plan for Mati done in June, 2004

**Other Accomplishments:**

- One way of promoting CRMP’s lessons and field-tested best CRM practices is providing support to activities which will provide a venue for sharing of experiences and build lasting partnerships for CRM. For the past 6 months the project has been actively involved in the preparation and conduct of the Coastal Zone Philippines Conference and the post conference activities aimed towards consolidation of the different experiences in ICM implementation and the development of a report on the “State of the Coastal Zone Management in the Philippines.”



## **1.0 INTRODUCTION AND OBJECTIVES**

### **1.1 INTRODUCTION**

Tetra Tech EM Inc. (Tetra Tech) received United States Agency for International Development (USAID) Contract No. 492-C-00-96-00028-00, Coastal Resource Management Project (CRMP) on March 21, 1996, to provide technical assistance to the Government of the Philippines (GOP) in coastal resource management. The 7-year project (1996-2002) is guided by broad objectives, which require a flexible project design to achieve. The 2-year extension phase of CRMP (2002-2004) builds on and strengthens priority thrusts to enhance sustainability and to leverage investments made with existing and proposed CRM programs of the Government of the Philippines.

### **1.2 OBJECTIVES**

USAID's overall mission goal target is "Sustainable Economic Growth Accelerated and Poverty Reduced." Strategic Objective (SO) 4 is "Productive, Life-sustaining Natural Resources Protected" and highlights "Illegal Fishing Reduced." CRMP's results framework contributing to SO 4 is shown in Figure 1-1 and includes the following:

"Coastal resources along 3,500 km of shoreline under improved management by the end of the year 2004"

The two primary indicators of this result are:

1. Kilometers of shoreline where improved management of coastal resources is being implemented
2. Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries

Upon request of DENR, USAID extended CRMP from July 1, 2002 to June 30, 2004. An extension work plan was prepared and finalized after receiving comments from stakeholders, the implementing agency, and USAID. Subsequently in March 2004, CRMP was extended until December 31, 2004 to complete several pending activities based on the workplan.

This report covers the period April 1, 2004 to June 30, 2004, and reports progress based on targets identified in the July 1, 2002 to June 30, 2004 work plan.

Activities of the extension period are organized by Task or Component Leaders. The major tasks are: Policy and Institutional Development; Information, Education, and Communication (IEC); Municipal Water Delineation and Enforcement; Fisheries Management; and CRM Monitoring and Evaluation.

Figure 1-1

**Revised Results Framework for USAID/Philippines SO4 Indicators:  
Coastal Resource Management Project for Extension of 2002 - 2004**

<b>SO 4: Productive, Life-Sustaining Natural Resources Protected, Illegal Fishing Reduced</b>	
<b>Indicator 1: Kilometers of Shoreline where improved management of coastal resources is being implemented (km of shoreline)</b>  <b>Indicator 2: Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries (% change compared to baseline)</b>	
	<b>IR 1.1 Improved Local Implementation and sustainability of CRM</b>  Indicator 1: No. of LGUS where CRM best practices are being implemented or sustained (No. of LGUs achieving CRM Benchmarks)  Indicator 2: No. of Provinces and/or multi-municipality/city clusters initiating/investigating in institutional arrangements for coastal and for coastal and fisheries resource management (No. of LGU association)
	<b>IR 1.2 Increased awareness of overfishing Problems and Proposed Solutions</b>  Indicator 1: No. of activities, events, public forums conducted, media coverage and publications developed and disseminated on overfishing (No. of activities, events and publications)  Indicator 2: No. of LGUs or cluster of LGUs showcased for coastal and fisheries resource mgt. best practices. (No. of LGUs showcased)
	<b>IR 1.3 Improved Policy and Institutional Framework for CRM and Fisheries</b>  Indicator 1: Harmonization of national policy for CRM (e.g. National CRM Policy Framework, inclusion of CRM agenda in DENR's ENR, Capture Marine Fisheries Profile endorsed)  Indicator 2: DENR Coastal and Marine Management office functional (No. of staff in CMMO)

## **2.0 PROJECT RATIONALE AND APPROACH**

### **2.1 PROJECT RATIONALE**

CRMP was created to address a variety of basic issues, which are causing the overuse and degradation of Philippine coastal resources. These issues, briefly stated below, are:

- Local governments are not yet effective at managing their jurisdictional areas for coastal resources under the Local Government Code (LGC).
- CRM and fisheries policies and the roles of various national and local agencies involved are not clear among all participants in CRM planning and implementation.
- Human resources to plan and implement CRM are not sufficiently developed.
- Slow economic development in coastal areas increases pressure on fisheries resources.
- Market failures in the coastal resource economy perpetuate poverty and promote overfishing and inappropriate use of coastal habitats.
- De facto open access system causes overexploitation of most coastal resources.
- Low productivity resulting from habitat destruction, pollution, and overexploitation decreases economic benefits from coastal resources.
- Loss of marine and coastal biodiversity, which is irreversible, continues.

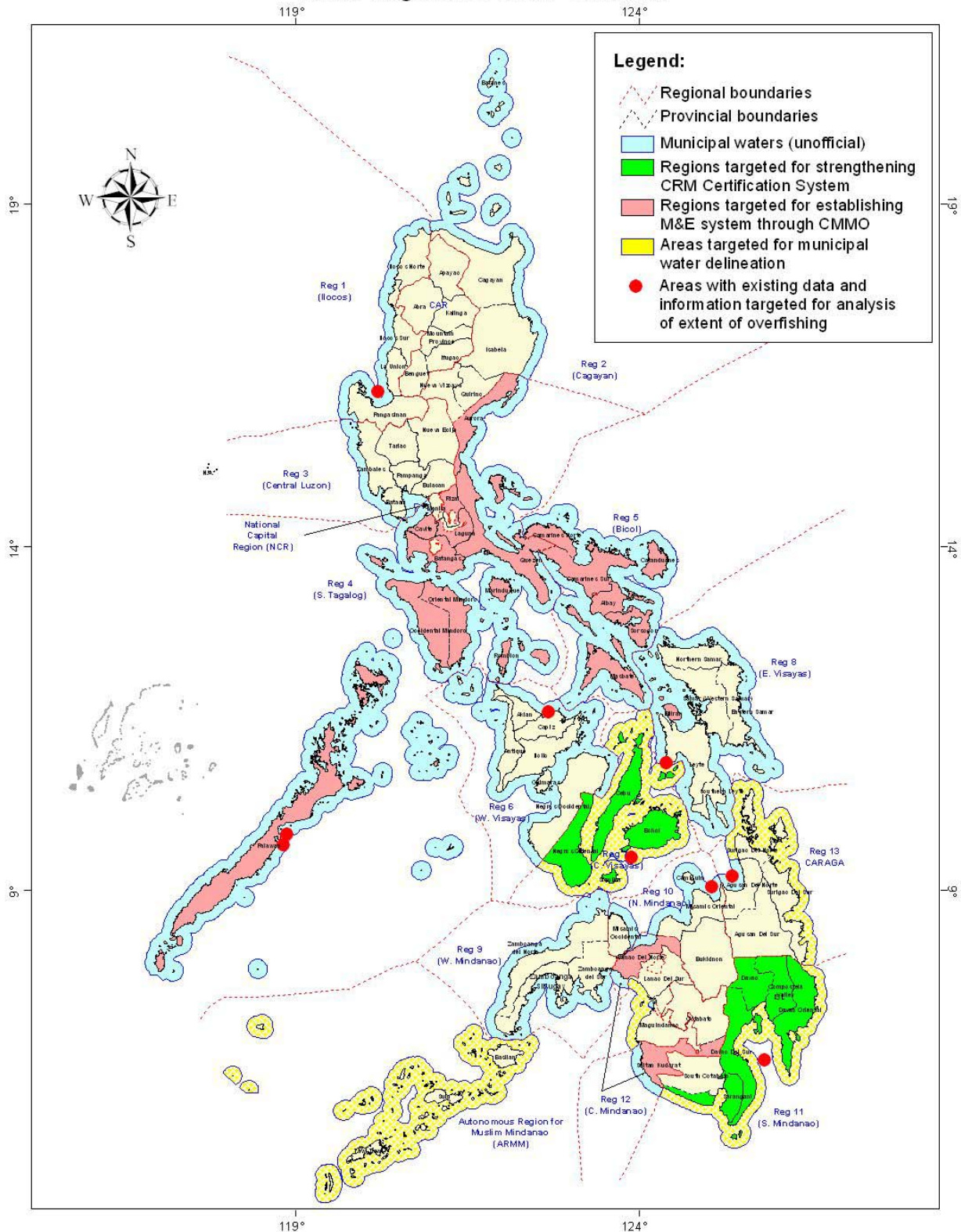
### **2.2 PROJECT APPROACH**

The CRMP approach is to work at both local and national levels to improve formulation and implementation of national and local laws and policies. It provides technical assistance in many strategic ways to improve the capacity of human resources and institutions to address the need of improved coastal management in the country.

Activities that will have potential impact on a national scale are described under the section on national implementation. Field-based activities are described under the section on local implementation. Figure 2-1 provides a map showing areas targeted under CRMP activities.

CRMP activities in the past 8 years have yielded much greater involvement of a number of coastal municipalities managing their coastal resources. As of December 31, 2003, 3,589 km of shoreline representing 113 municipalities and cities have achieved indicators for improved management of coastal resources, exceeding performance targets.

**Figure 2.1**  
**Areas Targeted for CRMP Activities**



### 3.0 TECHNICAL ASSISTANCE

#### 3.1 NATIONAL IMPLEMENTATION

All project activities that will have potential impact on a national scale are included under the national implementation level. The main thrust of these activities is to promote improved national policies and laws on CRM and increased awareness of CRM problems and solutions.

##### 3.1.1 Policy and Institutional Development

The Policy and Institutional Development Component focuses on promoting national policies that will improve coastal management nationwide and strengthening national government agencies' technical assistance and support to sustain local CRM initiatives. Policy initiatives include activities to identify priority policy issues and seek national adoption of the draft national CRM policy. CMMO was assisted to develop its policy agenda to harmonize conflicting CRM-related issuances within the DENR. Initiating strategic policy activities to address overfishing was also central to this component. CMMO is being capacitated in preparation for the ADB-supported Integrated Coastal Resource Management Project (ICRMP) for DENR that will start in 2005 and builds on CRMP, FRMP, and other CRM-related program accomplishments and the National CRM Policy. CMMO has also been assisted to improve the delivery of CRM technical assistance to LGUs and to install an information management system. A major objective is to assist the CMMO (national) and CMMD (regional level) become an established and functional office in the DENR with a strategic plan formulated, national coastal database developed, CRM-related training conducted, and IEC materials distributed through CMMO and CMMD. This Component contributes directly to IR1.2 (Indicator 1) and IR1.3 (Indicators 1 and 2).

Table 3-1 provides a summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed; O = ongoing activities) of the Policy and Institutional Development Component by quarter.

**TABLE 3-1**  
**POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>1. Provide policy assistance to CMMO through the conduct of policy research and coordinative activities at the national level</b>								
1.1 Develop policy research agenda								

**TABLE 3-1 (continued)**  
**POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
• Draft SO designating CRM focal persons for the different bureaus			C					
• Conduct 2-day workshop to develop policy research agenda			C					
• Advisory assistance to CMMO staff to pursue research agenda				O	O	C		
1.2 Assist CMMO to review and adopt the National CRM policy	O	O	O	O	O	C		
1.3 Assist CMMO implement provisions of DA-DENR Joint MOA 01, 2000								
• Convene policy TWG of DENR			O					
• Hold preliminary meetings at DA BFAR and conduct meeting				O	O			
• Provide advisory assistance in the implementation of agreements*					-			
1.4 Assist interagency group to develop guidelines on demarcation of boundaries of municipal waters*								
• Conduct interagency meetings involving key agencies			O	-				
• Disseminate guidelines to all LGUs through DILG or LMP memo				-				
<b>2. Conduct strategic studies to enhance the policy environment for addressing the overfishing issue</b>								
2.1 Assist BFAR licensing division to draft strategic plan for licensing of fishing boats								
• Conduct policy study on current licensing practices			O	O				
• Convene workshop to formulate licensing policy					C			
2.2 Conduct policy/economic studies relevant to the fisheries profile			O	O	C			
<b>3. Assist to strengthen the CMMO, CMMD, and CMMS offices in other regions</b>								
3.1 Assist in the assignment/designation of qualified personnel at CMMO	O	O	O	O	C			

\* This task was not pursued

**TABLE 3-1 (continued)**  
**POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
3.2 Capacitate CMMO staff to assist CMMD and CMMS in servicing other regions		O	O	O	O	C		
3.3 Assist CMMO, CMMD, and CMMS develop IEC and capacity building program			O	O	O	C		
3.4 Assist CMMO establish a national coastal database building from the MCD				O	O	O	C	
3.5 Assist in the development and review of the 5-year Strategic Plan				O	O	C		
<b>4. Enjoin national and regional governments and civil society in the conduct of a conference to facilitate showcasing of the lessons from CRM in the Philippines</b>								
4.1 Conduct planning meetings with partners			O	O	O	O	C	
<b>5. Assist CMMD and CMMS of regions 7 and 11 to become functional offices, i.e. CMMD and CMMS delivering TA to municipalities</b>								
5.1 Conduct CMMD/CMMS orientation workshops for regions 7 and 11		O	O	C				
5.2 Conduct selected CRM-related training activities for CMMD/CMMS in regions 7 and 11			O	O	O	C		
5.3 Assist CMMD 7 and 11 formulate regional operations plan and implement activities (e.g. CLEAR 7), monitoring and evaluation (e.g. certification) and information management (e.g. MCD, IEC program)			O	C				
5.4 Transfer regional level MCD to CMMD 7 and 11			O	O	O	O	C	
5.5 Coordinate coaching and mentoring assistance to CMMSs in regions 7 and 11			O	O	O	C		
<b>6. Assist other components in related institutional development programs</b>								

**TABLE 3-1 (continued)**  
**POLICY AND INSTITUTIONAL DEVELOPMENT COMPONENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
6.1 Assist Coastal Law Enforcement component in institutional development			O	O	O	C		
6.2 Assist CMMD and BFAR in the formation of local JRTs to conduct joint activities*			-	-	-	-		

\* This task was not pursued due to the absence of a national level JRT and operational guidelines to be implemented at the local level. CRMP, however under the Coastal Law Enforcement Component was able to organize multi-agency bodies in Region 7 (CLEAR7) and 11 (DGEPA) which served as joint response teams for coastal related issues such as: illegal fishing, piracy and coastal pollution.

#### **3.1.1.1 Work Plan Accomplishments**

Most of the activities had been completed in 2003, nevertheless some level of support were continued such as the following:

- Coordinated the transfer of some CRMP equipment to CMMD7.
- Reproduced and distributed the coastal management banner to CMMO and all CMMDs in time for the celebration of the Month of the Ocean.
- Continued discussion with CMMO and FASPO regarding the signing of the draft E.O. on ICM that was not signed in the First and Second quarter of 2004.

#### **3.1.1.2 Activities Not Accomplished and Why**

All planned activities were accomplished.

#### **3.1.1.3 Issues and Lessons Learned**

None

#### **3.1.3 Information, Education, and Communication (IEC)**

Under the IEC Component and in coordination with policy and fisheries management components, scheduled work plan activities target establishing public and government perception of overfishing as a national economic and food security concern in the country. The IEC Component has also showcased CRM best practices as learning destinations and promoted the CRM Certification System to enhance sustainability of these interventions.



Table 3-2 provides a summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed activities; O = ongoing activities; NC = Not Completed activities) of the IEC Component by quarter.

**TABLE 3-2**  
**INFORMATION, EDUCATION AND COMMUNICATION**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Conduct IEC campaign on overfishing in support of policy reviews and reforms in collaboration with EcoGov Project			O	O	O	O	C	
2. Package and popularize fisheries profile and policy reform results for public dissemination in collaboration with the EcoGov Project					O	O	O	C
3. Package learning/study destinations showcasing CRM best practices for learning exchange in selected areas in Mindanao, Visayas, and Luzon <ul style="list-style-type: none"> <li>• Identify and scope possible locations to be packaged</li> <li>• Conduct strategic planning workshops in partnership with LGU</li> <li>• Develop presentation packages</li> </ul>	O	O	O	O	O	O	C	
4. Develop and publish a Directory of CRM learning destinations		O	O	O	O	O	C	
5. Develop and produce IEC materials on overfishing, coastal law enforcement and fisheries management best practices	O	O	O	O	O	O	C	
6. Develop and produce fisheries management materials designed for Muslim Mindanao					O	NC	NC	
7. Package and publish selected IEC materials for dissemination through CMMO/CMMD	O	O	O	O	O	C		
8. Conduct IEC training for CMMO/D staff			O	O	O	C		

### 3.1.2.1 Work Accomplishments

All planned activities for the IEC component were already reported completed on the 1<sup>st</sup> Quarter. Except for assistance in the drafting of the PCRA Training Guide and provision of IEC materials to CRM partners and advocates, all other IEC support activities especially in the area of fisheries management were already transferred to FISH Project. Updates on the IEC materials requested and distributed as of this quarter are as follows:

**TABLE 3-3**  
**IEC MATERIALS REQUESTED AND DISTRIBUTED**  
**FROM APRIL 1, 2004 THROUGH JUNE 30, 2004**

Description/Title	April to June 2004	Year 2004 to date	Project to date
A Call for Leadership Poster*	0	0	1,987
About CRMP (Cebuano)	0	0	23,307
Ang Dagat ay Buhay Audio Tape	0	0	221
Ang Dagat ay Buhay (CD)*	0	0	48
Bakit Naglaho ang Buhay sa Dagat	884	884	884
Best Coastal Management Program Brochure*	0	0	1,000
Bohol Island: Its Coastal Environmental Profile*	0	0	1,046
Call to Action Flyer*	0	0	33,377
CEP of Malalag Bay	14	14	747
CEP of Negros Oriental	56	56	685
CEP of Northwestern Bohol	0	0	980
CEP of Olango Island	21	55	728
CEP of Sarangani Bay Area	26	26	890
Coastal Alert Brochure	0	0	39,739
Coastal Alert Poster (Cebuano) *	0	0	995
Coastal Alert Poster (English) *	0	0	1,995
Coastal Alert Magazine-One Ocean	50	173	4,388
Coastal Alert Magazine-LMP*	0	0	473
Coastal Law Enforcement Brochure	0	0	398
Collected Essays on Economics of Coral Reefs*	0	0	44
Coloring Book-Coastal Alert*	0	0	949
Coral Reef Monitoring for Management	2	7	3,483
CRM Video (CRMP-Agrisyete, 1 & 2) VHS*	0	0	674
CRMP Folder	305	305	3,333
Directory of CRM Learning Destination in the Phils.	46	1,295	1,295
Fish Ruler	50	75	4,120
Fisheries are Finite Resource	4	4	924
Food Security*	31	31	3,438
Future's Sake Poster*	0	0	1,995
Hudyat ng Dagat Para sa Pagbabago	34	825	1,741
Human Impacts Poster	4	4	3,094
"I Love the Ocean" Sticker	324	324	34,150
It's Their Ocean Too Poster*	0	0	1,000

**TABLE 3-3 (continued)**  
**IEC MATERIALS REQUESTED AND DISTRIBUTED**  
**FROM APRIL 1, 2004 THROUGH JUNE 30, 2004**

<b>Description/Title</b>	<b>April to June 2004</b>	<b>Year 2004 to date</b>	<b>Project to date</b>
LMP Kit*	0	0	791
Lost Reef Brochure (English) *	0	0	39,270
Lost Reefs Brochure (Cebuano)	0	0	24,756
Lost Reefs Brochure (Tagalog) *	0	0	25,020
M and E Guidelines Brochure	121	121	707
M and E Municipal/City Plans and Programs	68	94	914
Manage our Coastal Resource Brochure*	0	0	964
Mangrove Brochure (Imagine... foldout) *	0	0	1,974
Mangrove Management Handbook	146	146	1,128
Mangrove Poster (Imagine...)*	0	0	1,995
Mangroves in Trouble Brochure (Cebuano)	0	0	24,977
Mangroves in Trouble Brochure (English) *	0	0	44,319
Mangroves in Trouble Brochure (Tagalog) *	0	0	24,911
Marine Sanctuaries Video Vol. 1 *	0	0	678
Marine Sanctuaries Video Vol. 2 *	0	0	677
MCD Manual for Operation	108	138	1,208
Mid-Term Report*	0	0	1,993
Modeling the Way (1996-2004 Special Report)	77	1,518	1,518
No Time to Lose Poster (Cebuano)	156	156	2,505
No Time to Lose Poster (English) *	0	0	1,987
One Ocean Postcard	38	38	12,310
Our Seas, Our Life Brochure*	0	0	25,000
Our Seas, Our Life Guidebook	75	100	14,707
Para sa Maayong Kaugmaon Poster*	0	0	995
PCRA Handbook*	0	0	2,963
Philippine Coastal Management Guidebook Series	4	1,049	2,523
Philippine Fisheries in Crisis Handbook	38	543	979
Presidential Speech Brochure	0	0	4,224
Rhythm of the Sea Book	3	20	1,693
Sine'skwela Episode 1-4 *	0	0	599
Sine'skwela Episode 5-6 *	0	0	560
Sustainable Coastal Tourism Handbook for the Phils.	26	26	1,894
Sustainable Fisheries Development and Management	6	6	1,255
Tambuli 1-Nov 96 Newsletter	97	222	2,932
Tambuli 2-May 97 Newsletter	341	466	3,479
Tambuli 3-Nov 97 Newsletter	63	63	3,225
Tambuli 4-August 1998 Newsletter	35	35	3,130
Tambuli 5-May 99 Newsletter*	0	0	1,502
Tambuli 5-May 99 Newsletter w/ cover*	0	0	1,497
Tambuli 6-May 2000 Newsletter	0	0	1,565
Tambuli 6-May 2000 Newsletter w/ cover	0	0	1,475

**TABLE 3-3 (continued)**  
**IEC MATERIALS REQUESTED AND DISTRIBUTED**  
**FROM APRIL 1, 2004 THROUGH JUNE 30, 2004**

Description/Title	April to June 2004	Year 2004 to date	Project to date
Tambuli 7-September 2001 Newsletter*	0	0	1,364
Tambuli 7-September 2001 Newsletter w/ cover*	0	0	1,500
The Life Cycle of a Coral Colony Flyer	90	90	29,237
Tools & Methods in Community-based CRM	2	47	736
Usa ka Panawagan sa pag Pangulo Poster*	0	0	995
Values of Philippine Coastal Resources Book	0	0	4,531
<b>Total</b>	<b>1,331</b>	<b>8,956</b>	<b>503,265</b>

Note: \* - out of stock

### 3.1.2.2 Activities Not Accomplished and Why

All planned activities were accomplished.

### 3.1.2.3 Issues, Lessons Learned

There is a strong demand for IEC support materials from the CRM partners and implementers. Even if CRMP's field implementation assistance has already ceased, CRM partners and advocates still continue to avail of the CRM materials produced by the project.

## 3.2 LOCAL IMPLEMENTATION

Main thrusts of local implementation activities are to strengthen institutional and multisectoral mechanisms to sustain CRM. Local implementation activities are focused on municipal water delineation and enforcement, fisheries management, and CRM M&E System. CRMP work plan activities during 2003 and 2004 build on the following foundation and key accomplishments:

- *Implementation of DAO 17 s. 2001* through technical assistance to LMP and NAMRIA resulting in municipal water delineation workshops in several provinces; pending its reissuance by the DA Secretary after revocation by DENR
- *Coastal Law Enforcement Alliance for regions 7 and 11 and Bohol Coastal Law Enforcement Councils* established and trained
- *CRM Certification System* in Region 7 and 11 established to provide sustainability mechanisms for CRM at municipal, provincial, and regional levels

### 3.2.1 Municipal Water Delineation

To accomplish municipal water delineation and enforcement, CRMP has continued to work with key partners such as the LMP, NAMRIA, and coastal law enforcement agencies. Activities focus on installing governance mechanisms in the delineation exercises such as building consensus through participatory decision making primarily between and among coastal LGUs and other stakeholders. It tracks the progress of the delineation exercises on both national and local level through the development and installation of an electronic database system lodged in NAMRIA and in select provincial governments in central Visayas and Mindanao. It worked with UP-Cebu as a service provider of technical expertise in mapping. This Component contributes directly to IR1.1 (Indicators 1 and 2).

Table 3-4 provides a summary of the 2002-2004 Work Plan Activity Scheduled (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the Municipal Water Delineation (MWD) Component by quarter.

**TABLE 3-4**  
**MUNICIPAL WATER DELINEATION**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Assist selected provinces in the conduct of delineation of municipal waters in Mindanao and learning areas (with assistance from UP-Cebu, MSU, Zamboanga Univ., Eco-gov)			O	O	O	C		
2. Install, test, and refine the Municipal Water Delineation Database in NAMRIA			O	O	C			
3. Assist NAMRIA in generating relevant reports to cater to information needs of various sectors (NGAs, LGUs)			O	O	C	C		
4. Assist strategic groups/organizations (national) to ensure passage of ordinances declaring municipal waters			O	O	O	C		
5. Assist NAMRIA in developing and implementing a system of collecting, archiving, and managing records of approved ordinances			O	O	O	C		
6. Coordinate completion of municipal water delineation in learning area and expansion provinces (Cebu, Negros Or., Siquijor, Bohol, Sarangani, and Davao Gulf)			O	O	O	C		

### 3.2.1.1 Work Plan Accomplishments

All activities for the municipal water delineation have been accomplished in the 1<sup>st</sup> Quarter.

### 3.2.1.2 Activities Not Accomplished and Why

None

### 3.2.1.3 Lessons Learned

The IBP-Province may be tapped to help settle conflicts between municipalities with boundary disputes since the president of the chapter is a certified mediator. With his help, settling the conflict in court may be avoided and the process will promote a win-win situation for both parties concerned.

## 3.2.2 Coastal Law Enforcement

The Coastal Law Enforcement (CLE) Component focuses on promoting and strengthening institutional arrangements at the regional, provincial, and municipal levels through technical assistance to alliances, task forces, and other multi-agency and multi-sectoral coastal law enforcement bodies in Central Visayas and Mindanao. This component provides technical assistance to the Philippine National Police (PNP) in the effective implementation of the police environment desks. It also builds on the tools and lessons learned from the implementation of the Coastal Law Enforcement Council (CLEC) Alliance in Region 7 and from the Bohol Provincial coastal law enforcement. This component contributes directly to IR1.1 (Indicators 1 and 2) and IR1.2 (Indicator 2).

Table 3-5 provides a summary of the 2002-2004 Work Plan Activity Scheduled (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the Coastal Law Enforcement (CLE) Component by quarter.

**TABLE 3-5**  
**COASTAL LAW ENFORCEMENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Provide technical assistance to Region 7 provinces and/or cluster of LGUs (Negros Oriental, Siquijor, CLEC/Bohol and SE Cebu cluster) to establish mechanism for local level coastal/fisheries law enforcement			O	O	O	C		
2. Assist Mindanao team in providing technical support services to select LGUs and/or cluster of LGUs in Region 11			O	O	O	C		

**TABLE 3-5 (continued)**  
**COASTAL LAW ENFORCEMENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
3. Develop content of selected coastal law enforcement materials (training modules, poster, quick guide etc.)			O	O	C			
4. Assist the PNP in strengthening its coastal law enforcement function on both local (PEDO) and national level (JRT) to complement local level enforcement			O	O	O	C		
5. Assist other components in the conduct of National CRM Conference							C	
6. Promote inter-LGU, inter-agency, multi-sectoral coastal law enforcement programs/efforts on national scale (leagues, NALECC, publications)			O	O	O	C		
7. Assist DENR secretariat in assessing the role of CLEAR7 in coastal law enforcement			O	O	O	O	C	

### 3.2.2.1 Work plan Accomplishments

All planned activities for coastal law enforcement have been completed in the 1<sup>st</sup> Quarter. However, to facilitate a smooth turn over to partner agencies and organizations as well as to strengthen the capability of these partners to provide assistance to the LGUs, some activities were undertaken. These activities are mostly coaching and mentoring in nature. The accomplishments of the CLE Component for this quarter include the following:

- Assisted and mentored the Integrated Bar of the Philippines-Cebu Province Chapter and IBP-National Environmental Action Team on how to respond to requests for legal assistance and training from the LGUs
- Facilitated the initial meeting with the Liloan mayor and other CRM partners for legal and technical assistance to the LGU
- Facilitated and supported the roadshow to the four southern Cebu municipalities to formally launch the Strengthening Local Legal Arsenal Program (SLLAP) (A formal meeting with the mayors was held to agree on the terms and conditions and the extent of the assistance to be provided by the IBP.)
- Provided materials and reference books on CRM during the IBP Conference for Eastern and Central Visayas region

- Provided assistance to the IBP in the conduct of their first press conference on coastal law enforcement as a result of their operations and actual apprehension of commercial fishers
- Developed the SLLAP brochure to promote the program to other LGUs; an electronic file provided to the IBP for reproduction

#### **3.2.2.2 Activities Not Accomplished and Why**

None

#### **3.2.2.3 Lessons Learned**

In all the activities conducted with IBP, law student volunteers were present and active. This group of volunteers will play a critical role in the success of the SLLAP once actual legal assistance is sought by the LGU. They will play a major role in the preparation of legal documents and gathering of evidence among others. It would be worthwhile if these students and lawyers will have basic understanding of CRM so they will see the need to adopt and sustain this initiative.

#### **3.2.3 Fisheries Management Component**

Work plan activities under the Fisheries Management Component focus on depicting the extent of overfishing through the consolidation of existing data and information nationwide. CRMP will worked with the DA-BFAR as key institutional partner at the national and regional levels, based on a MOU signed in mid 2002.

Other key partners were national government agencies, academic institutions, nongovernment organizations, fisherfolk federations and the private sector to consolidate fisheries management information into a marine capture fisheries profile. This information will form the solid multi-sector scientific basis for a multimedia campaign on overfishing across the country.

The component is working with the National Fisheries Research Division of BFAR Central Office, FRMD Central Office and conversely with the BFAR National and Regional Stock Assessment Program (NSAP) Staff to assist in packaging and disseminating the Region VI, VII, IX, XII and ARMM data ready for presentation internally and then externally.

To highlight Southern Mindanao a strategic fisheries profiling was conducted in Illana and Sarangani Bay in coordination with BFAR-12, Illana Bay Regional Alliance for Region 9 and ECOGOV to produce culturally sound fisheries management prototype information materials specially designed for local audiences.

Table 3-6 provides a summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed activities; O = ongoing activities) of the Fisheries Management Component by the quarter.



**TABLE 3-6**  
**FISHERIES MANAGEMENT COMPONENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>1. Develop a Marine Capture Fisheries profile for the Philippines</b>								
• Conduct workshop with key academic institutions and partners to identify existing data and information and develop draft outline of profile	O	O	C					
• Consolidate and analyze data and information from various partner organizations, including UPV, UP-MSI, FRMP, BFAR-Region VII, Academic Institutions and EcoGovernance Project	O	O	O	C				
• Establish overfishing forum on oneocean for discussions on the profile and overfishing in general			O	C				
• Develop strategic case studies on the status of selected fisheries (marine capture fisheries and protected species) with appropriate agencies and organizations to describe the extent of overfishing			O	C				
• Draft fisheries profile reviewed through multi-sectoral consultation and publish			O	O	O	O	C	
<b>2. Develop and disseminate “Fish Security” booklet focusing on LGU interventions in fisheries management and coastal law enforcement</b>	O	O	O	O	C			
<b>3. Develop and disseminate the multi-sectoral Regional Fisheries management Framework Plan for Region 7 to serve as inputs to a National Fisheries Development Plan, Fisheries Code amendments, and national fisheries policy reforms</b>								

**TABLE 3-6 (continued)**  
**FISHERIES MANAGEMENT COMPONENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<ul style="list-style-type: none"> <li>Assist BFAR establish a multi-sectoral regional task force to draft guidelines to describe the fisheries management plan development process</li> </ul>			O	O	O	O	C	
<ul style="list-style-type: none"> <li>Analyze data and information on the status of fisheries in Region 7 and produce a map based profile for Region 7 as basis for the planning process</li> </ul>	O	O	O	O	O	O	C	
<ul style="list-style-type: none"> <li>Conduct workshops with key stakeholder groups to consolidate issues and identify management strategies</li> </ul>				O	O	O	C	
<ul style="list-style-type: none"> <li>Draft regional fisheries management plan</li> </ul>					O	O	O	O
<ul style="list-style-type: none"> <li>Conduct consultations of draft plan with key stakeholder groups</li> </ul>					O	O	C	
<ul style="list-style-type: none"> <li>Submit plan for RDC adoption</li> </ul>							O	O
<b>4. Work with DA-BFAR-NSAP to help assist in packaging Region VII and XI NSAP results for dissemination</b>								
<ul style="list-style-type: none"> <li>Conduct limited assistance and quality control for the NSAP VII and XI data through BFAR Central Office NSAP</li> </ul>		O	O	O	O	C		
<ul style="list-style-type: none"> <li>Package the results into an easily understandable format for distribution to key agencies and Fisheries managers in VII and XI</li> </ul>				O	O	C		
<ul style="list-style-type: none"> <li>Conduct Regional NSAP forum and fisheries management workshops in Regions VII and XI as kick-off activities for new fisheries management best practices framework of CRMP</li> </ul>				O	O	C		
<ul style="list-style-type: none"> <li>Prepare strategic IEC materials based on the NSAP results</li> </ul>				O	O	C		

**TABLE 3-6 (continued)**  
**FISHERIES MANAGEMENT COMPONENT**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>5. Package Illana Bay fisheries profile and develop IEC materials for ARMM and non ARMM areas in coordination with Illana Bay Regional Alliance for Region</b>								
• Prepare and consolidate an Illana Bay fisheries profile in coordination with MSU- Naawan, BFAR-XII and Illana Bay Alliance for Region 9			O	O	O	O	O	O
• Present results in a fisheries management and IEC planning workshop*				O	O	O	O	-
• Prepare culturally correct strategic IEC materials for Illana Bay Regional Alliance fisheries management efforts				O	O	O	C	
• Distribute IEC materials on Illana Bay				O	O	O	C	
<b>6. Offer limited technical assistance in the establishment of the Celebosole Council for inter-regional collaboration of Regions VII and VIII for the management of the Danajon Bank Double Barrier Reef</b>								
• Finalize MOA for inter-regional collaboration			C					
• Offer selected technical assistance to the Office of President for Central Visayas in assisting the council and technical working group as requested				O	O	C		

\* This activity was not pursued due to the delay in the completion of the Illana Bay Fisheries Profile and consideration of local situation brought about by the election related activities.

### 3.2.2.1 Work Plan Accomplishments

Major accomplishments of the Fisheries Management Component during the 2<sup>nd</sup> Quarter of 2004 conducted in full coordination with the Bureau of Fisheries and Aquatic Resources Central Office, NFRDI and Regions VI, VII, IX, XI, XII and ARMM include:

- Finalized and published "In Turbulent Seas: The Status of Philippines Marine Fisheries" to be launched August 2004 in coordination with BFAR-FISH Project

- Published and distributed a policy discussion paper on “The Current Reality of the Philippine Shell Industry with a Special Focus on Mactan Island, Cebu”
- Final edited version of the Illana and Sarangani Bay fisheries profiles returned to MSU-GENSAN for finalization
- Completed first draft of “Fisheries in Central Visayas: Trends and Status” as final output of the Central Visayas fisheries planning process
- In coordination with Central Visayas commercial fishers initiated a pilot study on possible fisheries management interventions, such as closed season in the Camotes Sea, as a spin-off of the regional fisheries workshops, sponsored by the FISH Project

#### **3.2.2.2 Activities Not Accomplished and Why**

The deadline for completion of MSU- GENSAN Illana and Sarangani Bay profiles have been extended until August, to allow incorporation of the final edits to the documents.

“The Marine Capture Fisheries of Central Visayas: Status and Trends,” still requires some work, but will be completed by September and presented to the Regional Development Council as planned.

#### **3.2.3 Local CRM Implementation, Monitoring and Evaluation**

The Local CRM Implementation, Monitoring and Evaluation Component focuses on strengthening institutional systems at the provincial and municipal levels to sustain CRM implementation in CRMP learning and expansion areas. It also initiates implementation of CRM in additional municipalities in Central Visayas and Davao Gulf provinces (Regions 7 and 11). For implementation of CRM in additional municipalities, CRMP works with the province, and other existing organizations within the regions in providing technical assistance to these municipalities. Activities under this component are closely planned and implemented with the Policy and Institutional Development Component to build the capacity of the CMMO, especially at the regional and CENRO levels, in coaching and guiding LGUs in the implementation and monitoring and evaluation of their CRM plans and programs.

For Regions 7 and 11 where the CRM Certification has already been initiated, activities to continue the process will be undertaken. LGUs will be assisted to update and maintain their municipal coastal database (MCD), which will serve as an important reference for their M&E activities. This Component will contribute directly to IR1.1 (Indicators 1 and 2).

The above field level activities were completed in December 2003. CRM implementation at the provincial and municipal levels are ongoing with the LGUs taking the lead role and the Province and other assisting organizations (e.g, DENR, BFAR, DILG, NGOs, academe) providing technical and other form of support to strengthen implementation at the LGU level. Most of the LGUs’ activities are concentrated in enforcement and implementation of some best CRM practices as well as monitoring and evaluation activities.

Table 3-7 provides summary of the 2002-2004 Work Plan Activity Schedule (shaded areas) and progress to date (C = completed activities; O = ongoing activities; NC = not completed) of the CRM Monitoring and Evaluation (M&E) Component by quarter.

**TABLE 3-7**  
**CRM MONITORING AND EVALUATION SYSTEM**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Publish and disseminate Guidelines for Monitoring and Evaluation of CRM Plans and Programs	O	O	O	C				
2. Publish and disseminate updated and revised PCRA Handbook	O	O	O	O	O	O	O	O
3. Strengthen institutional mechanism for CRM monitoring and evaluation and certification in Regions 7 and 11 to provide national showcase:		O	O	O	O	C		
• Conduct 2 regional workshops on CRM M&E and MCD Reporting		O	O	O	O	C		
• Capacitate Provincial M&E TWGs and CMMO staff at the Regional and CENRO levels in assisting LGUs operate MCD and M&E system		O	O	O	O	C		
4. Assist new LGUs to initiate CRM programs in selected municipalities								
• Formalize agreements with provincial partners and other assisting organizations for CRM implementation			O	C				
• Conduct provincial/cluster municipality CRM Orientation and action planning			O	O	C			
• Conduct cluster municipality PCRA's			O	O	C			
• Conduct CRM planning writeshops to assist LGUs develop draft CRM plans			O	O	C			
• Assist municipalities in implementing best CRM practices			O	O	O	O	C	
• Conduct M&E orientation workshops to coach municipalities in developing their M&E reports			O	O	O	C		

**TABLE 3-7 (continued)**  
**CRM MONITORING AND EVALUATION SYSTEM**  
**2002-2004 Work Plan Activity Schedule and Progress to Date**

Activity	2002		2003				2004	
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
5. Assist selected LGUs identified for showcase of best CRM practices by IEC component			O	O	O		C	
6. Conduct municipal and provincial level evaluation workshop of the M&E system and document results						O	O	C
7. Update and make functional MCD at the municipal, provincial, and regional level								
• Conduct field audits of M&E and MCD operation in LA municipalities			C					
• Conduct provincial M&E and MCD workshop to make functional MCD				C				
• Conduct regional M&E and MCD workshop in Regions 11 & 7 to establish Regional MCD*				O	O	-		

\* Planned regional M&E and MCD workshop was not conducted due to some organizational changes at the CMMD offices of DENR regional level

### 3.2.3.1 Work Plan Accomplishments

Activities conducted for the local implementation and monitoring and evaluation component were focused on data analysis and report preparation of the CRM field assessment. Local field implementation was significantly lessened for this quarter, but more assistance were provided to institutional partners providing technical support to LGUs in their CRM implementation. Specifically, the following were accomplished during the 2<sup>nd</sup> Quarter:

- Research team completed data processing and analysis phase of the field assessment. On May 5, initial results of the study were presented to a panel composed of the CRMP-PMO and EcoGovernance Project team of DENR, CMMO representative, USAID representative, ADB team, DENR Reg. 7 team, FISH project core team, and the CRMP core team. The presentation generated interesting questions, insights, and positive comments and suggestions. These comments and suggestions will be incorporated in the final report that will be submitted by the research team on June 30.
- In coordination with the IEC Component, added revisions to the draft PCRA Training Guide, a popularized version of the PCRA training module used by the project in its CRM training program.

- Assisted the LGUs of Badian, Argao, and Bogo to package their CRM plans. To date all CRMP-assisted LGUs in Cebu have already completed and packaged their CRM plans.
- Assisted the Region 7 CRM Certification Committee headed by DENR 7 to evaluate the CRM certification application of Buenavista, Bohol. Also assisted the Municipality of Alcantara, Cebu in completing their M&E report which is ready for evaluation by the Provincial CRM Certification TWG.
- Provided technical assistance to Dumanjug, Cebu in the implementation of its Mangrovetum project.
- Assisted DENR 7 in their culmination activity of the Ocean Month Celebration. Dr. Alan White provided input on CRMP's accomplishment in implementing CRM for the past eight years.
- Active participation in the post-conference activities and meetings of the Coastal Zone Philippines Organizing Committee.
- Completed field activities and turned over CRM plans to the municipalities of Baganga and Mati, Davao Oriental. The CRM plan of Mati has been launched in June 2004.

### **3.2.3.2 Activities Not Accomplished and Why**

The draft PCRA Training Guide is being edited so publication was moved to the 3<sup>rd</sup> Quarter.

### **3.2.3.3 Issues and Lessons Learned**

There is a need to communicate the final results of the CRM implementation field assessment study to a wider audience so that good practices and lessons learned in CRM implementation can be disseminated. This will be done during the 3<sup>rd</sup> Quarter given the new mandates of the elected officials as well as new appointments from the national government agencies.

## **4.0 PROJECT MANAGEMENT**

### **4.1 WORK PLAN ACCOMPLISHMENT**

USAID approved the request for no-cost extension of the project implementation through December 2004. This is to ensure that important activities can be substantially completed.

#### **4.1.1 Cost Control**

The total expenditures through June 2004 represent about 98.4 percent of the total budget with 94 percent of the total contract period elapsed. The estimated percent of expenditures by implementation level and activity as of June 2004 is as follows:

**TABLE 4-1**  
**SUMMARY PERCENT OF TOTAL EXPENDITURES IMPLEMENTATION**  
**BY LEVEL AND ACTIVITY**  
**June 30, 2004**

Implementation Level/Activity	Percent of Expenditures To Date
CRM Core Activities/Administration	50.0
Policy	8.0
Mangrove Management	5.0
Performance Monitoring	1.0
San Vicente, Palawan	3.0
SE Negros Oriental	3.0
Olango Island, Cebu	3.0
NW Bohol	3.0
Malalag Bay, Davao del Sur	2.0
Sarangani Bay	2.0
Multisectoral Coordination	1.0
Silliman University Marine Laboratory	5.0
Expansion Activities	14.0
<b>Total</b>	<b>100.0</b>

Notes:

1. Percent of expenditures are estimated and should not be used for contractual or accounting purposes.
2. Expenditures include labor, other direct costs, subcontractors, and associated overhead and fee.

#### **4.1.2 Subcontractor and Individual Consultant Agreements**

A summary of subcontractor firms and individual consultants who have provided support to various CRMP activities from the period April through June 30, 2004 are listed in Table 4-2. Subcontractor firms or individuals marked (\*) have completed their services on June 30, 2004 unless otherwise indicated.

**TABLE 4-2**  
**SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS**  
 (January 1, 2004 to June 30, 2004)

Organization / Individual	Completion Date	Services
<b>Organization</b>		
Davao Oriental State College of Science and Technology	3/31/04	Technical assistance on Local Implementation in Davao Oriental



**TABLE 4-2 (continued)**  
**SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS**  
(January 1, 2004 to June 30, 2004)

Organization / Individual	Completion Date	Services
Environmental Legal Assistance Center	2/29/04	Legal assistance on law enforcement and training; assistance on publication of legal manuals
Mindanao State University	Ongoing	Technical assistance in the preparation of Illana Bay and Sarangani Bay Fisheries Profile
UP-Visayas Foundation Inc.	Ongoing	Research on municipal fisheries in Region VII as part of regional fisheries management planning process
<b>Individual</b>		
Colocado, Marie Sol S.	Ongoing	Technical assistance as Publications/Technical Copy Editor
Custodio, Khristine	5/31/04	Technical assistance as Desk Top Publishing Specialist for Philippine Marine Capture Fisheries Profile
Deguit, Evelyn T.	Ongoing	Technical assistance as Core Advisor for CO/CD and Task Leader for CRM Certification
Farrarons, Rosario M.	4/05/04	Assistance as IEC Specialist
Floren, Jessie O.	Ongoing	Technical assistance as Training Assistance in CRMP's training component and GIS Specialist
Gasalatan, Mario C.	3/31/04	Assistance in Cebu expansion areas for PCRA and MPA establishment
Green, Stuart J.	Ongoing	Technical assistance as Task Leader of the Fisheries Management Task
Gulayan, Samuel J.	3/31/04	Technical assistance CLE/MWD Task Assistant
Jatulan, William P.	6/30/04	Technical assistance as Deputy Chief of Party
Lim, Romina Astrid V.	Ongoing	Assistance as IEC and Social Mobilization Specialist
Martinez, Rafael	6/30/04	Technical assistance as Geographic Information Systems (GIS) Specialist-Fisheries Management
Nañola, Cleto	Ongoing	Technical assistance in monitoring marine protected areas in CRMP learning areas
Ocaña, Michael M.	Ongoing	Assistance as Database Programmer
Secuya, Modesto	6/30/04	Technical assistance for CRMP's website, <a href="http://www.oneocean.org">www.oneocean.org</a>
Sia, Asuncion E.	3/31/04	Technical assistance as Information Materials Development Specialist
Smith, Rebecca P.	4/30/04	Technical assistance as IEC Core Advisor and Task Leader for Showcasing

**TABLE 4-2 (continued)**  
**SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS**  
(January 1, 2004 to June 30, 2004)

Organization / Individual	Completion Date	Services
<b>Tetra Tech EM Inc.</b>		<b>Position</b>
Cerence, Katerina R.	Ongoing	Administrative Assistant
Guzman, Sarah de	Ongoing	Financial Manager (Manila-based)
Melendez, Ma. Noella Q.	Ongoing	Administration Manager & Subcontract Mgr.
Ortega, Glocel P.	Ongoing	Accountant
Pojas, Rodrigo V.	Ongoing	Admin. Support
Sadiwa, Dineth	Ongoing	Accountant (Manila-based)
Tinapay, Leslie S.	4/30/04	Graphics Artist
White, Alan T.	Ongoing	Chief of Party

#### **4.2 ACTIVITIES NOT ACCOMPLISHED AND WHY**

All activities for project management were accomplished.

#### **4.2 ISSUES AND LESSONS LEARNED**

None

#### **5.0 PROJECT PERFORMANCE AND IMPACT**

This will be completed for the Project Completion Report.

**APPENDIX A**  
**HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES**  
**2 PAGES**

<b>HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2004</b>	
<b>PARTNER</b>	<b>COLLABORATIVE ACTION AND OUTCOME</b>
<b>National Government Agencies</b>	
Department of Environment and Natural Resources (DENR) – Provincial, Regional, and National Offices	<p>1<sup>st</sup> Quarter 2004: Coordinated field assessment with CMMD-DENR Regions 7, 11, and 12 (E. Deguit, A. Lim); Provided resource persons from the Geology and Mines Bureau to inputs re the history and background of the various rock formations in Apo Island as part of the CRM showcase tour messages of the area (R. Farrarons, R. Smith).</p> <p>2<sup>nd</sup> Quarter 2004: Assisted Region 7 CRM Certification Committee in evaluation of CRM Certification application of Buenavista Bohol. (A. Lim). Assisted CMMD in the culminating activity for the month of the Ocean. (A. White, E. Deguit, A. Lim). Invited representatives from to attend CRM presentation of results of the Field Assessment study (E. Deguit).</p>
Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR) – Provincial, Regional, and National Offices	1 <sup>st</sup> Quarter 2004: Served as resource persons in the conduct of the regional workshop, “A Fisheries Management Framework for Region 7” (S. Green, N. Armada, J. Flores, R. Smith, A. White).
Department of Interior and Local Government (DILG) – Provincial, Regional, and National Offices	1 <sup>st</sup> Quarter 2004: Provided copies of the “Directory of CRM Learning Destinations” with the request to help promote these CRM showcase sites as study tour destinations of local government officials, peoples’ organizations and non-government organizations (A. Sia, R. Smith).
Department of Tourism (DOT) – Provincial, Regional, and National Offices)	1 <sup>st</sup> Quarter 2004: Provided copies of the “Directory of CRM Learning Destinations” with the request to help promote these CRM showcase sites as study tour destinations of local government officials, peoples’ organizations and non-government organizations (A. Sia, R. Smith).
Philippine Council for Aquatic and Marine Research Development (PCMARD)	1 <sup>st</sup> Quarter 2004: Participated as active members of the Coastal Zone Philippines Organizing Committee (CZPOC) in the preparation and conduct of the Coastal Zone Philippines Conference (A. White, E. Deguit, E. Melendez, W. Jatulan, A. Sia, A. Lim, J. Floren, M. Ocaña, R. Omega, K. Cerence, R. Smith).
<b>Donor Agencies and Donor-Assisted Projects</b>	
FISH Project – USAID	1 <sup>st</sup> Quarter 2004: Finalized arrangements to launch the book “In Turbulent Seas” in June 2004 (A. White, S. Green, R. Smith, A. Sia).
Visayan Seas Project – GTZ	1 <sup>st</sup> Quarter 2004: Meetings to plan launching of “In Turbulent Seas,” show lessons learned from CRMP, provide inputs to library etc. (A. White, W. Jatulan, E. Deguit, S. Green, R. Smith).
Coastal Conservation and Educational Foundation (CCEF)	2 <sup>nd</sup> Quarter 2004: Assisted in the design of MPA Database Management System Workshop and helped in facilitating said workshop (E. Deguit, A. Lim)

<b>HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2004</b>	
<b>PARTNER</b>	<b>COLLABORATIVE ACTION AND OUTCOME</b>
<b>Local Government Units</b>	
Province of Davao del Sur	1 <sup>st</sup> Quarter 2004: Coordinated the conduct of CRM field assessment with the Davao del Sur Provincial CRM TWG, and the Municipal CRM TWGs of Hagonoy, Padada, and Sta. Maria (E. Deguit, A. Lim)
Province of Cebu	1 <sup>st</sup> Quarter 2004: Coordinated the conduct of CRM field assessment with the Cebu Provincial CRM Partners and the Municipality CRM TWGs of Cordova Badian, Sibonga, and Dalaguete (E. Deguit, A. Lim).
Municipality of Dumanjug, Cebu	2 <sup>nd</sup> Quarter 2004: Provided assistance in the Mangrovetum project. (A. Lim).
Province of Bohol	1 <sup>st</sup> Quarter 2004: Coordinated the conduct of CRM field assessment with the Bohol Environment Management Office and the Provincial CRM TWG and Municipal TWGs of Clarin, Inabanga, and Getafe (E. Deguit, A. Lim).
Province of Negros Oriental	1 <sup>st</sup> Quarter 2004: Coordinated the conduct of CRM field assessment with the Negros Oriental Provincial TWGs and the Municipal TWGs of Dumaguete, Amlan, and Dauin (E. Deguit, A. Lim).
Municipality of Dauin, Negros Oriental	1 <sup>st</sup> Quarter 2004: Assisted in facilitating the conduct of the Environmental Interpretation and Action Planning for the Apo Island Showcase Tour (R. Farrarons, R. Smith)
Province of Sarangani	1 <sup>st</sup> Quarter 2004: Coordinated the conduct of CRM field assessment with the Sarangani CRM TWG and the Municipal CRM TWGs of Gen. Santos, Maasim, Kiamba, and Alabel (E. Deguit, A. Lim)
City Tourism Office of Davao	1 <sup>st</sup> Quarter 2004: As operator of the CRM Showcase Tour for Southern Mindanao, assisted in facilitating the strategic and action planning workshop for the CRM Showcase Tour of Southern Mindanao (R. Smith, A. Sia, A. Yambao)
More than 80 municipalities included in the listing of the Directory of CRM Learning Destinations	1 <sup>st</sup> Quarter 2004: These 80 municipalities responded to the CRMP invitation to participate in the directory and provided information regarding their CRM initiatives and what to see and do when visiting their sites (R. Smith, A. Sia)
<b>Academe</b>	
San Carlos University (Marine Biology Department)	2 <sup>nd</sup> Quarter 2004: Provided comments on the Research Results of the Study on the Possible Environmental Impacts of the Proposed Cordova Reclamation Project (A. White); Attended presentation of the above-mentioned study (E. Deguit, A. Lim)
<b>Private Sector</b>	
Cebu Daily News, The Freeman, Sun Star Daily	1 <sup>st</sup> Quarter 2004: Continued publicity and write up of CRMP activities particularly as these relate to delineation of municipal waters, coastal law enforcement and establishment of marine sanctuaries in Region 7 (R. Smith, R. Farrarons).

**APPENDIX B**  
**LIST OF IEC MATERIALS PRODUCED BY CRMP**  
**4 PAGES**

## **LIST OF IEC MATERIALS PRODUCED BY CRMP (as of June 30, 2004)**

### **POSTERS**

1. A Call for Leadership (English and Cebuano)
2. Coastal Alert! (English and Cebuano)
3. For Future's Sake (English and Cebuano)
4. Imagine the Future without Mangroves (bilingual – English/Cebuano)
5. Human Impacts on the Environment (English)
6. Month of the Ocean posters: *"It's their Ocean too, and their future"; "Ang Dagat ay buhay, ating kinabukasa'y dito nakasalalay"*
7. Philippine Fisheries in Decline, No Time to Lose (English)
8. *Nagkagamay na ang atong kuha gikan sa panagat* (Cebuano variation of the Philippine Fisheries in Decline)
9. Fisheries are Finite Resource

### **TECHNICAL / REFERENCE PUBLICATIONS**

1. Tambuli Newsletter: (Issues no. 1-7)
2. Legal and Jurisdictional Guidebook on Coastal Resource Management in the Philippines
3. The Values of Philippine Coastal Resources: Why Protection and Management are Critical
4. Participatory Coastal Resource Assessment (PCRA) Manual
5. CRM Primer
6. Food Security and Coastal Resource Management
7. Rhythm of the Sea: Coastal Environmental Profile of San Vicente, Palawan
8. Coastal Environment Profile of Malalag Bay
9. Coastal Environment Profile of Bohol
10. Coastal Environment Profile of Olango Island
11. Coastal Environment Profile of Sarangani Bay
12. Coastal Environment Profile of Negros Oriental
13. Coral Reef Monitoring for Management
14. Mangrove Management Handbook
15. CRMP Mid-Term Report: CRMP in Midstream- On Course to a Threshold of Sustained Coastal Management in the Philippines
16. Philippine Coastal Management Guidebook Series (8 volumes)
17. Bohol Island: Its Coastal Environment Profile
18. Sustainable Coastal Tourism Handbook for the Philippines
19. Philippine Fisheries in Crisis: A Framework for Management
20. *Hudyat ng Dagat para sa Pagbabago*
21. *Modeling the Way – Lessons in Developing Capacities for Coastal Management in the Philippines*
22. *Bakit Naglaho ang Buhay sa Dagat*
23. *Directory of CRM Destination in the Philippines*
24. *In Turbulent Seas: The Status of Philippine Marine Fisheries*

## **POPULARIZED PUBLICATIONS**

1. The Coastal Resource Management Project (CRMP) brochure/leaflet (English and Cebuano)
2. Coastal Alert! Pamphlet
3. Coastal Alert! Magazine
4. Coastal Alert! Magazine special edition on the Ocean Ambassadors Homepage
5. Coastal Alert! Magazine special edition on the Conference of Coastal Municipalities of the Philippines
6. Saving the Philippine Seas, speech by His Excellence President Joseph E. Estrada
7. Guide to the Video Course on the Establishment of Community-based Marine Sanctuaries (English and Pilipino)
8. "Save our Seas" *Kapitan Barungoy* Coloring Book
9. Call to Action flyer
10. Lost Reefs leaflet
11. Mangroves Brochure.
12. Mangroves FAQ pamphlet
13. Mangroves in Trouble leaflet
14. Philippine Fisheries in Decline leaflet
15. "Our Seas, Our Lie" Exhibit Guide
16. Hop on the Olango Tour
17. Paddling up the Cambuhat River
18. "I Love the Ocean" Movement leaflet
19. The Blue Tapestry: A Community Arts Project Celebrating the Philippine Centennial and the International Year of the Ocean
20. Search for Best CRM Program Awards
21. MCD Operation Manual
22. M & E Guidelines Booklet
23. Fish Ruler (new version)
24. Coastal Law Enforcement Booklet
25. Sustainable Fisheries Development and Management Through a National Integrated Fisheries Management Strategy
26. Monitoring and Evaluating Municipal/City Plans and Programs for Coastal Resource Management

## **MATERIALS IN CD FORMAT**

1. Municipal Coastal Database 2000 (v.3)
2. CRMP Publication on CD
3. Coastal Resource Metadatabase (Negros Oriental, Davao del Sur, Palawan, Sarangani and Bohol)

## **EXHIBIT PANELS**

1. Our Seas, Our Life Info Panels and Walls\*
2. Coastal Resource Management Bamboo Panel Exhibit
3. Protected Seascapes\*



4. Ocean Depths Map
5. Exhibit panels for Bohol
6. Exhibit panels for Sarangani
7. Blue Backdrops: 1) "Bring Back our Future, Manage our Coastal Resources", 2) "Coastal Resource Management for Food Security"; 3) Have a Heart, Stop illegal fishing; Reduce Fishing Effort to Sustainable Levels; Protect and Manage Coastal Habitats; Municipal Waters for Municipal Fishers; 4) "Manage our Coastal Resources, Your leadership can Make the Difference; and 5) Restore our Mangroves

## WEB SITE

1. <http://www.oneocean.org>. – CRMP's website serves as the official source of information on coastal resource management in the Philippines and around the world. The site makes available online and for downloading, CRMP technical / reference documents. The site incorporates among other features, pages for CRMP, 36 issues of its electronic magazine, *Over Seas*, the *CRM Tools Page*. *DENR Region 11 web page*, and the *Ocean ambassadors' homepage*.

## VIDEO / AUDIO MATERIALS

1. *Ang Dagat ay Buhay* (Our Seas, Our Life) song.
2. *Sigaw ng Karagatan* documentary
3. *Karaniwang Tao MTV*
4. *Tungo sa Bagong Umaga* video documentary on the 6 winning Search for Best CRM Program Awards
5. TV/Radio Plugs for Ocean Month
6. TV/Radio Plugs on Illegal fishing
7. Radio plug on the cutting of mangroves
8. TV/ Radio plug on the intrusion of commercial fishing in municipal waters
9. Video course on Coastal Resource Management (10 – part series on CRM in Pilipino)
10. Video course on the Establishment of Marine Sanctuaries (7 – part series on marine sanctuaries in Pilipino)
11. "Colors of the Sea" Children's video (6 part – series for children on the interconnectedness of land and marine ecosystems in Filipino)

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\* these exhibit panels are now housed with the Protected Areas and Wildlife Bureau, DENR

## OTHER PROMOTIONAL MATERIALS

1. "I Love the Ocean" labels/ sticker
2. "I Love the Ocean" membership card, Blue Heart Pin and Creed
3. Oneocean.org postcard

## **BRIEFING MATERIALS**

1. Participatory Coastal Resource Assessment (PCRA) and CRMP Briefing Kit (in English and Cebuano)
2. Briefing Package on CRMP
3. Introduction to Coastal Resource Management
4. Introduction to Integrated Coastal Management
5. Economic Valuation of Coastal Resources
6. Food Security and Coastal Resource Management
7. Into the Mainstream: Promoting Coastal Resource Management in the Philippine National Agenda
8. Mangrove Management
9. Earthwatch Research Results
10. Revised Results Framework
11. A Framework for Enterprise Development in Coastal Areas
12. Sustainable Coastal Tourism Framework
13. Philippine situational analysis of coastal resources
14. Information, education, communication (IEC) Framework
15. DAO 17 (Guidelines for Delineating/Delimiting Municipal Waters
16. Monitoring and Evaluation Guidelines

## **TRAINING MATERIALS**

1. Integrated Coastal Management Training Module
2. Participatory Coastal Resource Assessment Training Module
3. Marine Protected Area Establishment and Management Training Module

**APPENDIX C**  
**SUMMARY OF EXPENDITURES THROUGH June 30, 2004**  
**(USAID ONLY)**